GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:3880
ANSWERED ON:22.03.2001
MODERNISATION OF HYDEL AND THERMAL POWER PLANT
SUBODH MOHITE

Will the Minister of POWER be pleased to state:

(a) the details of the renovation and modernisation programme for hydel as well as Thermal Power Plants;

(b) whether this programme has helped in generation of additional power during the Eighth and Ninth Five Year Plan; and

(c) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) to (c) : Renovation & Modernisation (R&M) and Life Extension (LE) of the existing old power stations has been recognised as one of the most cost effective options to achieve additional generation due to its short gestation period and low cost. The Government of India (GOI) recognised the importance of R&M way back in 1984 and a Centrally sponsored R&M Programme was launched in the year 1984 for R&M of 34 thermal power stations covering 163 thermal units in the country. GOI sanctioned a Central loan assistance of Rs. 500 crores and the programme was completed in the year 1992 resulting in an additional generation of about 10,000 Million Units per annum.

During the 8th Plan, R&M programme for 44 thermal power stations comprising 198 Units was taken up in the year 1990-91 at an estimated cost of Rs. 2383 crores. The Power Finance Corporation (PFC) was assigned to provide loan assistance to the State Electricity Boards (SEBs) for the R&M works. However, by the end of 8th Plan about 50% of the works could be completed mainly due to weak financial position of SEBs. After partial completion of the works, an additional generation of 5000 MUs/year has been achieved. Similarly, during the 9th Plan programme, 191 units (25856 MW) are covered under R&M and 42 units (3091 MW) are planned for life extension at 56 power stations. These works are at various stages of implementation. After completion of the programme, an additional generation of 11,000 MUs/year is expected to be achieved.

Similarly, during the 8th Plan, 8 hydro RM&U schemes were completed resulting into a benefit of additional generation of 559 MUs. During the 9th Plan, 15 schemes have so far been completed with an expected benefit of 2783 MUs.